



# Agenda

- **Welcome and Introductions –**
  - **Issa Bouri, Project Manager**
  - **George Crosby, Caltrans Small Business Program**
  - **Design – Edmund Choy, Senior Engineer**
  - **Design - Danny Kao, Project Engineer**
- **Q&A**
- **Networking - Primes and Subs**



# Caltrans Small Business Program Goals

- Increase Small Business Certification
- Increase Contracting Opportunities
- Create Relationships between Prime Contractors and Small Businesses
- Register your business today at DGS Website:
  - <http://www.dgs.ca.gov/pd/Programs/OSDS/GetCertified.aspx>



# Caltrans Small Business Program Goals

## CALTRANS EXECUTIVE ORDER S-11-0

*“California Department of Transportation will encourage, and whenever possible, increase small business participation, including Disadvantaged Business Enterprises (DBE), in federally-assisted highway and transit-related projects”*

- **5% Disadvantaged Business Enterprise (DBE) goal**



# **Pavement Rehabilitation/Ramp Metering (04-3G59U4) Mandatory Pre-Bid Meeting**

**Tuesday, July 19, 2016**

**10:00 AM to 12:00 PM**

**Pleasanton Construction Office, 5675-B Gibraltar Drive, Pleasanton, CA 94588**



*All information presented here is an estimate; It is preliminary and subject to change.*



**PAVEMENT REHABILITATION AND RAMP METERING**  
**In Alameda and San Joaquin Counties From San Joaquin**  
**County Line to Greenville Overhead and in Castro Valley**



- **Contract No. 04-3G59U4    Ala-205 PM 0.0/1.0**
- **Ala-580 PM 0.0/8.0, 26.1/30.3; SJ-580 PM 13.5/15.4**
- **Adv: 7/5/16    Bid Open: 8/24/16**

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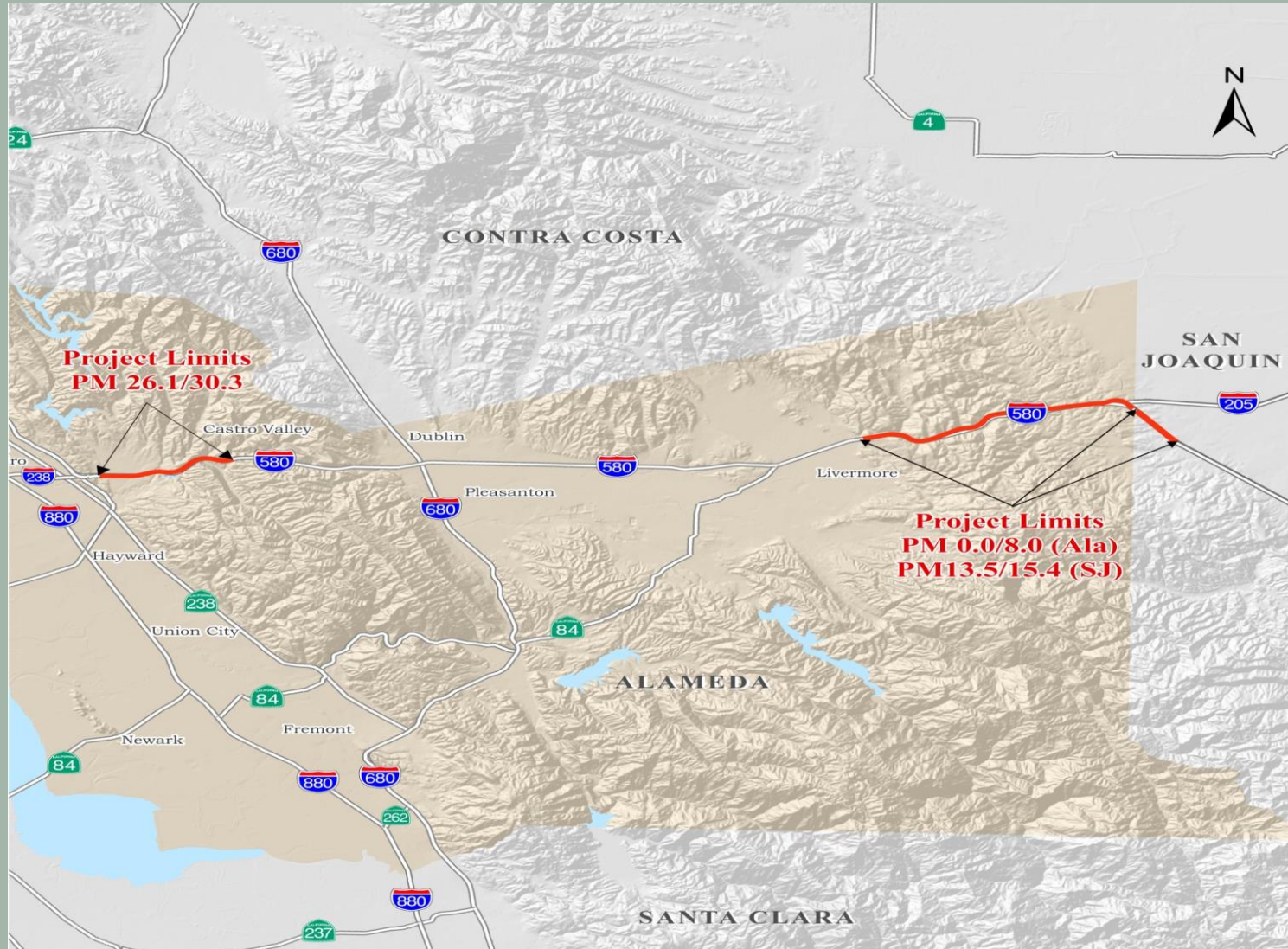
# PROJECT SCHEDULE

- **Date Advertised**
  - **July 5, 2016**
- **Bids Open**
  - **August 24, 2016**
- **Construction Schedule**
  - **October 2016 to November 2018**
- **350 Minimum Working Days**
- **450 Maximum Working Days**





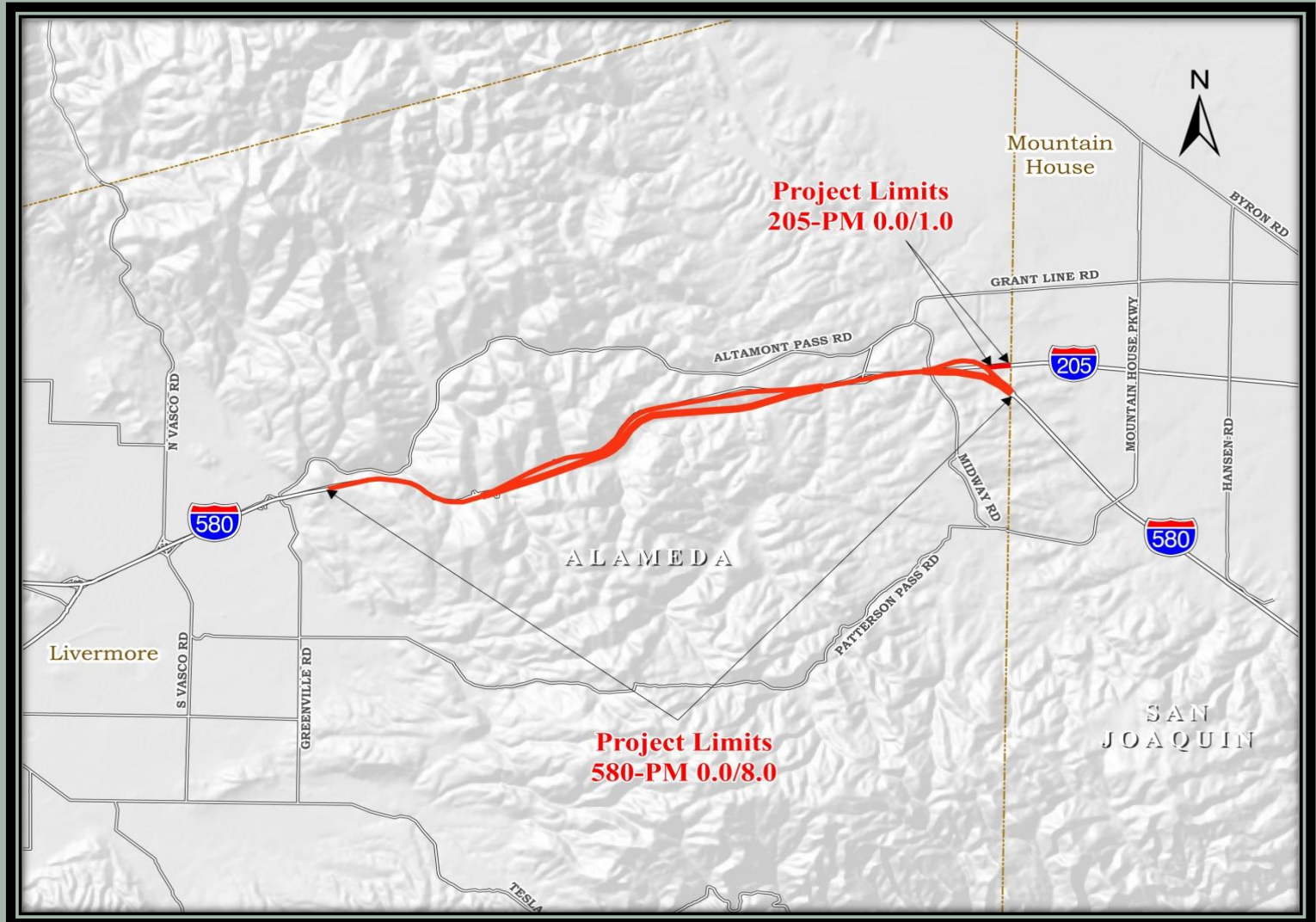
# PROJECT LOCATION



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# Rehabilitation Project Limits



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## PROJECT DATA

- **Cost - \$56,000,000**
- **Pavement Rehabilitation at Altamont Pass area on I-580 and I-205**
- **Ramp Meters – 6 in Altamont Pass area, 6 in Castro Valley**
- **Environmental Permits – Incidental Take Permit (endangered species)**
- **Prime Contractor License - Class A or Classes C-8, C-12**



## SCOPE OF WORK

- Cold Plane 0.2' to 0.6' of AC Pavement to PCC  
Replace Concrete Pavement (if necessary)  
Crack and Seat Pavement  
Overlay 0.8' (9.6") of HMA & RHMA
- Cold Plane 0.1' of AC Pavement  
Overlay 0.6' (7.2") of HMA & RHMA
- Place Polyester Concrete Overlay  
*(Midway UC & California Aqueduct)*
- Replace 5 Bridge Approach Slabs
- Place Precast Jointed Concrete Pavement  
Extend Approach Slabs at bridge conforms
- Place Precast Jointed Concrete Pavement  
*(North Flynn Rd OC & Stone Cut UP)*



## SCOPE OF WORK

- Upgrade MBGR with Midwest Guardrail System
- Upgrade MBGR with Concrete Barrier
- Replace Median Concrete Barrier
- Construct Eastbound Lighting Foundation
- Construct an Two-Posts Overhead Sign
- Construct a Soldier Pile Retaining Wall
- Construct Curve Warning Sign/Flashing Beacons
- Replace HMA Dike
- Install Concrete Barrier Markers
- Install Roadside Delineators
- Install Guard Railing Delineators
- Adjust and Add Drainage Inlets and Pipes
- Install Rumble Strips
- Construct ADA curb ramps



*Caltrans*

# Type of Work

## Ramp Metering

- Electrical Equipment
- Traffic Signals
- Loop Detectors
- Advanced Warning Signs
- Flashing Beacons
- EMS

## Electrical

- Lighting pull boxes
- Lighting foundation
- Lighting conduit casing

## Roadway

- Traffic Control & Detours
- Silt Fencing
- Erosion Control
- Temp Railing (Type K)
- Ramp Widening (two)
- RHMA, HMA
- HMA Dikes
- Midwest Guardrail System
- Concrete Barrier
- Drainage
- Signing
- Pavement Delineation
- MVP





# Potential Small Business Items of Work (Fence)

Item No.	Item Description	Unit	Estimated Quantity
20	TEMPORARY REINFORCED SILT FENCE	LF	23,300
21	TEMPORARY SILT FENCE	LF	4,000
29	REMOVE FENCE (TYPE BW)	LF	540
141	FENCE (TYPE BW, 5-STRAND, METAL POST)	LF	540

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# Potential Small Business Items of Work (Traffic)

Item No.	Item Description	Unit	Estimated Quantity
4	CONSTRUCTION AREA SIGNS	LS	LUMP SUM
5	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM
6	TEMPORARY TRAFIC STRIPE (PAINT)	LF	809,000
7	CHANNELIZER (SURFACE MOUNTED)	EA	640
8	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM
9	TEMPORARY RAILING (TYPE K)	LF	188,000
10	TEMPORARY CRASH CUSHION MODULE	EA	940
25	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	91,900
30	REMOVE GUARDRAIL	LF	30,300
31	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	173,000
32	REMOVE PAVEMENT MARKER	EA	96,400

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# Potential Small Business Items of Work (Traffic)

Item No.	Item Description	Unit	Estimated Quantity
143	DELINEATOR (CLASS 1)	EA	210
144	GUARD RAILING DELINEATOR	EA	300
145	OBJECT MARKER (TYPE P)	EA	54
146	OBJECT MARKER (TYPE L-1)	EA	47
147	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	30,600
149	SINGLE THRIE BEAM BARRIER (WOOD POST)	LF	3,660
150	DOUBLE THRIE BEAM BARRIER (WOOD POST)	LF	480
151	CABLE RAILING	LF	141
153	TRANSITION RAILING (TYPE WB-31)	EA	29
154	END ANCHOR ASSEMBLY (TYPE SFT)	EA	22
155	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	20

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# Potential Small Business Items of Work (Traffic)

Item No.	Item Description	Unit	Estimated Quantity
156	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	24
165	4" TRAFFIC CONTRAST STRIPE BLACK PAINT	LF	18,200
166	4" TRAFFIC CONTRAST STRIPE BLACK PAINT (18-12)	LF	20,000
167	4" THERMOPLASTIC TRAFFIC STRIPE (EWNV)	LF	194,000
168	4" THERMOPLASTIC TRAFFIC STRIPE (EWNV) (17-7)	LF	760
169	6" THERMOPLASTIC TRAFFIC STRIPE (EWNV)	LF	1,330
170	8" THERMOPLASTIC TRAFFIC STRIPE (EWNV)	LF	9,760
171	THERMOPLASTIC CROSSWALK & PAVEMENT MARKING (EWNV)	SQFT	4,810
172	4" THERMOPLASTIC TRAFFIC STRIPE (EWNV) (34-14)	LF	207,000
173	PAVEMENT MARKER (NON-REFLECTIVE)	EA	62,000
174	PAVEMENT MARKER (RETROREFLECTIVE)	EA	49,000

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# Potential Small Business Items of Work (Road Work)

Item No.	Item Description	Unit	Estimated Quantity
1	LEAD COMPLIANCE PLAN	LS	LUMP SUM
2	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM
33	REMOVE ROADSIDE SIGN	EA	14
57	CLEARING AND GRUBBING (LS)	LS	LUMP SUM
58	DEVELOP WATER SUPPLY	LS	LUMP SUM
115	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	490
116	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	200
117	ROADSIDE SIGN - ONE POST	EA	33
118	ROADSIDE SIGN - TWO POST	EA	2
119	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	16
120	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	6

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# Potential Small Business Items of Work (Road Work)

Item No.	Item Description	Unit	Estimated Quantity
135	MINOR CONCRETE (GUTTER) (LF)	LF	141
136	DETECTABLE WARNING SURFACE	SQFT	12
137	MINOR CONCRETE (CURB AND GUTTER)	CY	14
138	MINOR CONCRETE (CURB RAMP)	CY	3.3
140	PRE/POST CONSTRUCTION SURVEYS	EA	1

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# Potential Small Business Items of Work (Water Pollution and Erosion)

Item No.	Item Description	Unit	Estimated Quantity
13	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM
14	RAIN EVENT ACTION PLAN	EA	101
15	STORM WATER SAMPLING AND ANALYSIS DAY	EA	74
16	STORM WATER ANNUAL REPORT	EA	3
17	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	28,000
18	TEMPORARY DRAINAGE INLET PROTECTION	EA	110
19	TEMPORARY FIBER ROLL	LF	53,000
22	TEMPORARY CONSTRUCTION ENTRANCE	EA	8
23	STREET SWEEPING	LS	LUMP SUM
24	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM
26	TREATED WOOD WASTE	LB	385,000

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# Potential Small Business Items of Work (Water Pollution and Erosion)

Item No.	Item Description	Unit	Estimated Quantity
70	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	12
71	HYDROMULCH	SQFT	94,900
72	FIBER ROLLS	LF	138,000
73	HYDROSEED	SQFT	94,900
148	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	11,100

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**PLEASE SUBMIT ALL BIDDER INQUIRIES FOR  
THIS PROJECT, IN WRITING, TO THE WEBSITE  
LINK BELOW:**

**<http://www.dot.ca.gov/hq/esc/oe/inquiry/view.php?p=04-3G59U4>**



# Questions and Answers